

## ABSTRACT

The present invention provides a chemically modified  
5 human Growth Hormone (hGH) prepared by attaching a  
polyethylene glycol butyraldehyde moiety to the N-  
terminal phenylalanine of the protein. The chemically-  
modified protein according to the present invention may  
have a much longer lasting hGH activity than that of the  
10 un-modified hGH, enabling reduced dose and scheduling  
opportunities.